		CENTRAL IN	ア <u>BECTAR PRDP81-0</u> 1028R TELLIGENCE AGENCY	00010d150001-3
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	F 1TS CONTENTS TO OR RECEIPT ED BY LAW. THE REPRODUCTION		inio is	ONEVALUATED INFORMATION
1. 25X1				
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(20)

flight mechanic-gunner.

compartment, there was a tail gunner.

25X1

25X1

25X1

was for the radio operator, and the right rear position was for the

The two aft seats could be pivoted 180°. All seats could be ejected

In addition to personnel in the forward

25X1

. –	
(1 1)	The landing gear was hydraulically operated. the gear could not be partially retracted to change the attitude of the plane for take-off.
16.	
(1	
17.	
4 2 3	
(1 c	the EF-140 refueled by pumping fuel in the reverse
(4)	direction through the normal fuel system. This could also be done with the EF-150, but this method was considerably slower
(1)	than the normal method of filling the tanks individually. single-point ground
(1 950 4. 9500	and inflight refueling but there was no such system used in any of the airplanes built at Podberesje.
18.	
1 .000	
EG-14	
to the first of th	The tail gunner's exit door was hydraulically operated. Pneumatic systems were not used at all in the EF-150 airplane. The emergency system for the tail gunner's exit door consisted of a separate reservoir and hand pump.
119.	
Acres.	
(1 -	hot exhaust gases were tapped off
	of the engine section just downstream from the turbine. The gas was ducted from the engine through a filter, a blower, and then to the surfaces to be de-iced. Control of the system was accomplished by turning the blower on or off.
20.	10 10 10 10 10 10 10 10 10 10 10 10 10 1
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•	Approved For Release 2004/ <u>12/01 : CIA-RDP81-01028R00</u> 0100150001 3 SECRET
	pod mockups were 1.6 m in diameter x 3.4 m
25X1	long for the Mikulin and 1.8 m x 3 m long for the Lyulka.
25X1	
2	5. Defensive Armament
25X1	a. Tail turret
25X1	
25X1	
.5/1	<u> </u>
5X1	a periscope sight was designed by Eng Erwin Handke.
5X1	this sight was mounted vertically and was about 20 centimeters in diameter by 1.3 m long.
25X1	it was vertical because an actual sight was once installed in the mockup and the Russians ordered
.3/\ 1	a cover made for the part that projected below the fuselage. The
25X1	Cover was to prevent unauthorised persons from seeing the sight. Handke's perisope looked gonething like Fig 19
5X1	(T5-III) of the Air Intelligence Guide.
3/1	
5X1	turret drive motors
5X1	were probably hydraulic.
5X1	
5X1	
i	
y .	

	See .	8-		
Th	ere was no mid-upper	turret, eith	er retracta	ble or otherwise.
c. Fo	rward Guns		, Y	4 . 1
	There was one gun	on each side	of the nos	ө.
52 gr	135 from vertica	each	gun barrel	was located about to 1.3 m from the
,	center of the fus	elage when lo	oking at th	e airplane from
				The gunsight was
	similar to that d	escribed for shown on Encl	the tail gu	nner $/25$ a above. and (B).
d. Pa	ssive Protection			•
			*	and 1 1 100
	Armor plate was in	stalled behind	l each seat	extending from
	the bottom of the a	nt's head. A:	nt somewhat mor plate	was also placed
	on the floor under	each seat.		
Constan	:,			There was
Denota	no armament protect	tion provided	for the en	gine.
Jensta Pa G.		tion provided	for the en	gine.
Domoshi 19. G.		tion provided	for the en	gine.
Denota 12. G.		tion provided	for the en	gine.
The Cha		tion provided	for the en	gine.
The Cha	no armament protect	tion provided	for the en	gine.
The Cha	no armament protect			
The Cha	no armament protect		hods of su	pporting bombs
The Cha	no armament protect g Capabilities in the bomb bay same as that used by	the met	hods of suj was o	oporting bombs essentially the
The Cha	no armament protect g Capabilities in the bomb bay	the met	hods of suj was o	oporting bombs essentially the r with modifica-
The Cha	no armament protect g Capabilities in the bomb bay same as that used by	the met	hods of suj was o	oporting bombs essentially the
The Cha	no armament protect g Capabilities in the bomb bay same as that used to tions necessary to	the met	hods of su was o ing the war he larger l	pporting bombs essentially the with modifications.
The Cha	no armament protect g Capabilities in the bomb bay same as that used by	the met	hods of sum was or ing the war he larger has been been been been been been been bee	pporting bombs essentially the with modification with modification forward position
The Cha	no armament protect g Capabilities In the bomb bay same as that used to tions necessary to The bomb sight was	the met	hods of sum was or ing the war he larger has been been been been been been been bee	pporting bombs essentially the with modification with modification forward position
The Cha	no armament protect g Capabilities In the bomb bay same as that used to tions necessary to The bomb sight was	the met	hods of sum was or ing the war he larger has been been been been been been been bee	oporting bombs essentially the with modification sombs.
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27.		
25X1 25X1 —	as markens and this 7000 has bomb	
25X1 25X1 25X1	was a conventional bomb except for the size and the fact that the nose was somewhat more pointed than other bombs Enclosure (C) is a reproduction of original sketch of	

ENCLOSURE (A) Side View of EF-150 Cockpit ENCLOSURE (B) Top View of EF-150 Cockpit ENCLOSURE (C) Sketch of 3000 kg Bomb





